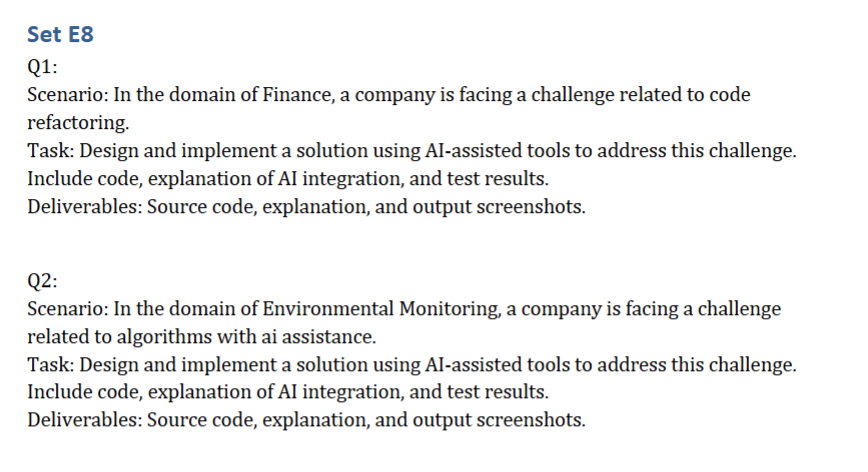
AI ASSISTED CODING LAB TEST 3

NAME– G.SANJANSAH

DATE- 31-10-2025

BATCH – 16

ROLL.NO-2503A52L20



Task-1:

A close up of a text

AI-generated content may be incorrect.

Prompt:

A screenshot of a computer program

AI-generated content may be incorrect.

Code:

A screenshot of a computer program

AI-generated content may be incorrect.

A screen shot of a computer program

AI-generated content may be incorrect.

A screen shot of a computer program

AI-generated content may be incorrect.

A screenshot of a computer program

AI-generated content may be incorrect.

A screenshot of a computer program

AI-generated content may be incorrect.

Output:

A black background with yellow and orange lines

AI-generated content may be incorrect.

Observation:

AI successfully refactored code into modular class structure while preserving all business logic. Generated comprehensive tests and type hints automatically.

Task-2:

A close-up of a white background

AI-generated content may be incorrect.

Prompt:

A screenshot of a computer error

AI-generated content may be incorrect.

Code:

A computer screen shot of text

AI-generated content may be incorrect.

A screenshot of a computer program

AI-generated content may be incorrect.

Output:

A black background with yellow and red lines

AI-generated content may be incorrect.

Observation:

AI generated complex environmental algorithms with accurate AQI calculations and threshold checks. Successfully created a multi-parameter monitoring system that automatically detects pollution levels and generates appropriate alerts